

## ABSTRACT

A lithium secondary battery which has excellent characteristics such as energy density and electromotive force and is excellent in cycle life and storage stability is provided. The secondary battery comprises a positive  
5 electrode, a negative electrode, and an electrolyte solution comprising an aprotic solvent having at least an electrolyte dissolved therein, wherein the positive electrode comprises a lithium-manganese composite oxide having a spinel structure as a positive electrode active material, and the electrolyte solution comprises a compound represented by the general formula (1).